

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2025-004
Item to be Scouted	Metal components needed for prototyping
Days to be scouted	30
Response Due By	02/07/2025
Description	Strength testing model. This is to prove a concept for a device which needs to support the weight of disabled people within the caretaking process.
Notify Requester Immediately	No
State item to be used in	Rhode Island

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	New product startup
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Tube bending - able to bend 1.5" dia 0.12" thick tube up to at least a 6in bend radius Steel welding Basic sheetmetal bending and plasma cutting
Provide dimensions / size / tolerances / performance specifications for the item	Item 1) 1.5" OD 0.12" thick tube bent into U shape approx 600x600mm with small welded sheet metal component Item 2) 290x510mm flat pattern sheet metal bent structural component, with one additional welded purchase part Item 3) 210x92mm flat pattern sheet metal bent into structural component
List required materials needed to make the product, including materials of product components	Item 1) 4130 steel tube with A36 steel sheet metal component Item 2) 3mm A36 steel with weld-mounted spring pin Item 3) 3mm A36 steel
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
NAICS 1	
NAICS 2	
Additional Technical Comments	These components will be used for intense strength testing, so welds should be complete, not spotted.

## Section 4: Business Information

Estimated potential business volume	One-off for now, potential for series in future, but not guaranteed. For series, we would be curious in quotes for 200 pieces, with potential to expand more in the future.
Estimated target price / unit cost information (if unavailable explain)	Looking for quotation for all parts, both for one-off, and for series.
When is it needed by?	ASAP
Describe packaging requirements	Best available. Delivered undamaged. Specifics discussed in negotiation.
Where will this item be shipped?	N/A, but likely funneling through the North East/New England.

## Additional Comments

Is there other information you would like to include?